



Crop Progress and Condition

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Cooperative Extension Service

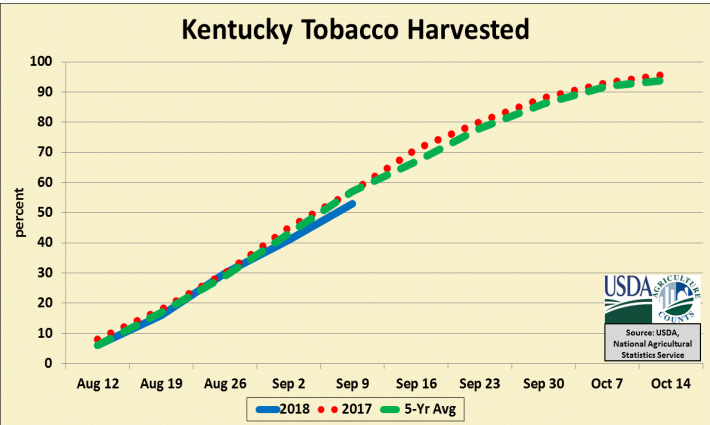
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Agricultural News: Kentucky experienced above normal temperatures and much above normal rainfall over the past week. Precipitation for the week totaled 2.52 inches, 1.74 inches above normal. Temperatures averaged 78 degrees for the week, 6 degrees above normal. **Topsoil moisture** was rated 3 percent very short, 14 percent short, 71 percent adequate and 12 percent surplus. **Subsoil moisture** was rated 4 percent very short, 15 percent short, 70 percent adequate, and 11 percent surplus. Days suitable for fieldwork averaged 5.1 out of a possible seven.

Primary activities this week included harvesting corn, and cutting hay and tobacco. Heavy rain later in the week and over the weekend from remnants of Tropical Storm Gordon led to minor flooding; rains were mostly absorbed into the soil from past dry weather. Fieldwork was delayed towards the end of the week, as farmers held off on harvesting crops. Recent wet weather has tobacco producers concerned over house burn and curing conditions. Excessive rainfall in areas has increased weed pressures in fields and pastures.

SOIL MOISTURE for week ending 09/09/18

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	3	14	71	12
Subsoil	4	15	70	11



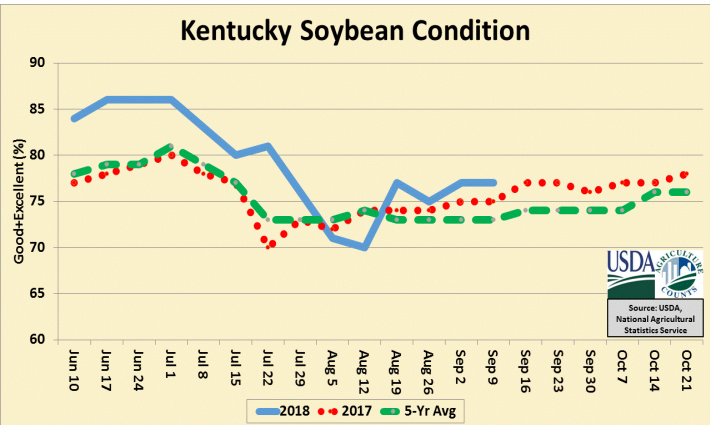
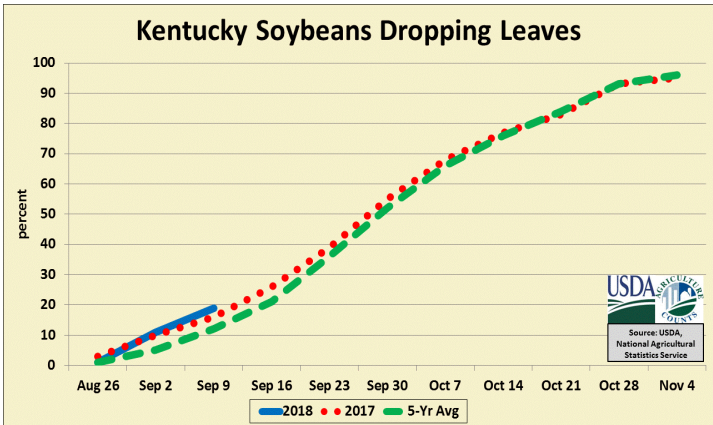
CROP PROGRESS for week ending 09/09/18

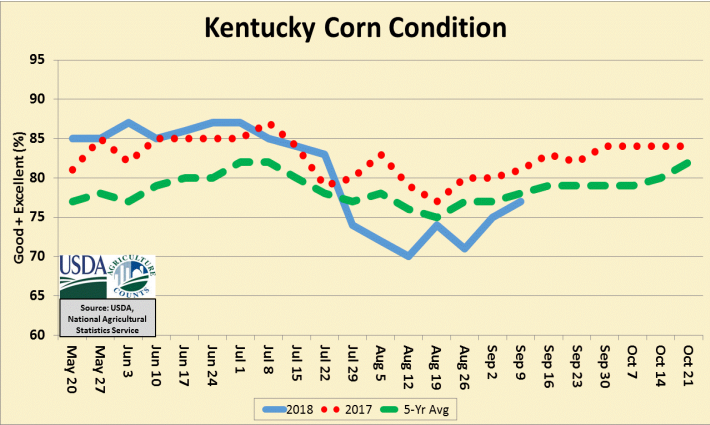
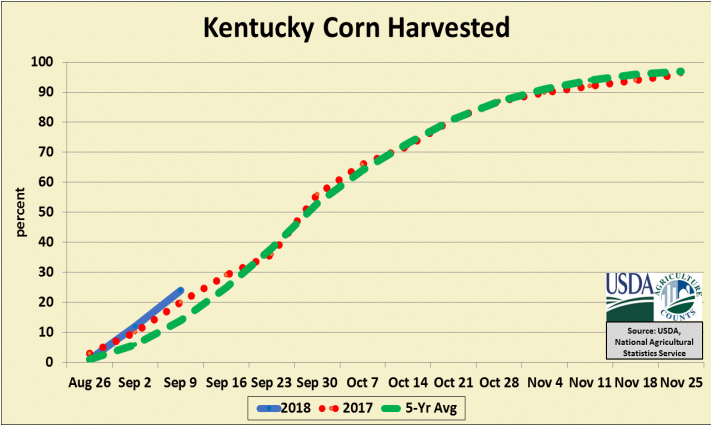
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Corn Dough	97	93	95	95
Corn Dent	90	82	87	85
Corn Mature	74	59	66	59
Corn Harvested	24	12	20	14
Soybeans Setting Pods	94	90	91	91
Soybeans Coloring	45	33	38	30
Soybeans Dropping Leaves	19	11	16	12
Soybeans Harvested	2	-	1	1
Tobacco Topped	92	84	93	93
Tobacco Cut	53	41	57	57

CROP CONDITIONS for week ending 09/09/18

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Corn	1	5	17	67	10
Pasture	2	8	22	56	12
Soybeans	2	5	16	67	10
Tobacco Set	2	7	23	57	11
Tobacco Housed	2	7	14	66	11

- Represents when data is not available.





Kentucky Climate Summary
For the Period September 3, 2018 to September 9, 2018

Above Normal Temperatures and Much Above Normal Rainfall:

The remnants of Tropical Storm Gordon left much of the state wet and soggy this past period. The system started impacting the area on Wednesday as tropical moisture was pulled northward into the Ohio Valley. While showers and storms were scattered in nature on Wednesday and Thursday, coverage grew upscale Friday and over the weekend as the remnant system slowly worked across the area. The abundance of rainfall and high intensity at times led to several bouts of flash flooding and even sent some rivers into minor flood stages. While the state averaged a little over 2.5 inches for the week, much higher totals were seen across counties bordering the Ohio River, in addition to Northeastern Kentucky. Many were over 4 inches. Temperature-wise, above normal temperatures and high humidity continued over the first half of the week with highs jumping into the low to middle 90s. Saying that, cloud cover and rainfall from Gordon brought temperatures back below seasonable norms by the end of the week with highs on Sunday only in the 60s and 70s.

Temperatures for the period averaged 78 degrees across the state which was 6 degrees warmer than normal and no change to the previous period. High temperatures averaged from 87 in the West to 87 in the East. Departure from normal high temperatures ranged from 1 degree warmer than normal in the West to 3 degrees warmer than normal in the East. Low temperatures averaged from 69 degrees in the West to 69 degrees in the East. Departure from normal low temperatures ranged from 7 degrees warmer than normal in the West to 10 degrees warmer than normal in the East. The extreme high temperature for the period was 98 degrees at GREENVILLE 6N and the extreme low was 57 degrees at ALEXANDRIA 5NW.

Precipitation (liq. equ.) for the period totaled 2.52 inches statewide which was 1.74 inches above normal and 323% of normal. Precipitation totals by climate division, West 1.88 inches, Central 1.68 inches, Bluegrass 4.60 inches and East 1.90 inches, which was 1.14, 0.82, 3.87 and 1.11 inches above normal. By station, precipitation totals ranged from a low of 0.03 inches at MONTICELLO AWOS to a high of 8.79 inches at OWINGSVILLE 4S.

KENTUCKY TEMPERATURES AND RAIN FALL
FOR WEEK ENDING SUNDAY, 09/09/18 4 p.m.

Weather Station	Rainfall			Deviation From		Air Temperatures				Growing Degree Days		
	Last Week	Since Apr 1	Last Four Wks.	Norm. Since Apr 1	Norm. Last 4 Wks.	High	Low	Wkly. Avg.	Dev. From Norm.	Last Week	Since Apr 1	Dev. Since Apr 1
	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>	<i>Degrees F</i>
Bardstown	1.21	25.92	4.30	4.02	0.93	92	63	78	8	193	3,445	305
Berea	3.21	35.21	7.37	12.58	3.72	91	66	77	8	190	3,233	26
Bowling Green	2.18	19.34	4.86	-3.46	1.59	94	66	80	10	206	3,944	680
Bristol	1.74	23.78	4.20	4.57	1.28	92	65	78	9	195	3,340	346
Buckhorn Lake	1.41	23.67	4.35	2.07	1.01	90	66	77	8	190	3,314	463
Cape Girardeau	3.05	25.46	5.17	4.27	1.96	91	62	78	6	194	3,806	408
Campbellsville	2.08	22.89	6.20	-2.53	2.01	89	68	77	7	190	3,327	145
Covington	4.75	27.42	11.20	7.10	8.28	93	58	76	7	180	3,466	522
Cumberland Gap	0.34	27.22	3.87	3.55	0.29	91	66	78	9	198	3,350	378
Dix Dam	4.86	31.95	8.88	9.44	5.47	92	66	78	9	194	3,409	270
Evansville	3.25	26.63	4.17	6.33	1.37	96	60	78	6	196	3,730	489
Glasgow	2.91	26.43	6.35	1.71	2.71	92	69	78	8	200	3,561	391
Grayson	5.41	37.53	7.36	16.37	4.24	91	64	76	7	180	3,216	405
Hardinsburg	1.73	26.32	5.36	3.71	1.95	92	66	78	8	194	3,592	315
Henderson	1.66	17.81	2.24	-3.09	-0.74	95	63	78	6	198	3,736	434
Huntington	4.37	27.92	8.70	6.65	5.45	92	61	76	7	182	3,402	393
Jackson	1.10	27.01	4.46	4.29	0.95	92	67	79	10	205	3,489	638
Lexington	4.02	30.40	7.20	8.50	3.83	93	63	78	9	196	3,554	504
London	2.49	28.87	4.15	7.96	1.08	91	68	79	10	201	3,432	426
Louisville	4.60	31.66	10.33	10.35	7.21	94	63	79	9	200	3,984	736
Mayfield	1.01	21.49	3.16	-1.45	-0.38	93	64	78	6	198	3,774	468
Nashville	1.60	17.28	4.37	-3.99	1.23	95	66	79	9	205	3,922	438
Nolin Lake	2.73	24.73	6.94	0.73	3.38	95	69	79	9	200	3,684	665
Paducah	3.45	24.25	4.46	1.61	1.31	96	64	80	8	206	3,963	601
Princeton	0.61	23.26	2.48	0.35	-0.98	93	63	79	7	201	3,692	332
Quicksand	2.52	26.23	4.80	3.51	1.29	92	67	79	10	202	3,373	522
Somerset	0.77	30.41	3.52	6.74	-0.08	90	67	77	8	191	3,308	266
Spindletop	4.76	38.50	10.28	16.60	6.91	93	62	78	9	195	3,566	516
Williamstown	4.28	32.43	8.97	10.88	5.73	92	60	75	6	172	3,232	247

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859) 218-4364.